



|  |                  |              |        |
|--|------------------|--------------|--------|
| <b>Issue Classification</b><br> | Application No.  | Applicant(s) |        |
|  | 09/914,212       | ELLIS ET AL. |        |
|  | Examiner         | Art Unit     |        |
|  | Callie E. Shosho | 1714         | 1 of 2 |

| ISSUE CLASSIFICATION  |          |   |   |       |  |                                   |     |     |     |                             |                         |
|---|----------|---|---|-------|--|-----------------------------------|-----|-----|-----|-----------------------------|-------------------------|
| ORIGINAL  |          |   |   |       | CROSS REFERENCE(S)   |                                   |     |     |     |                             |                         |
| CLASS   | SUBCLASS |   |   |       | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |     |     |                             |                         |
| 523   | 160      |   |   |       | 524  | 507                               | 522 | 523 | 513 | 504                         | 505                     |
| INTERNATIONAL CLASSIFICATION <sup>1</sup>                         |          |   |   |       |  |                                   |     |     |     |                             |                         |
| C   | 0        | 9 | D | 11/10 |  |                                   |     |     |     |                             |                         |
| C   | 0        | 8 | L | 75/04 |  |                                   |     |     |     |                             |                         |
| C   | 0        | 8 | L | 33/02 |  |                                   |     |     |     |                             |                         |
| C   | 0        | 8 | L | 33/04 |  |                                   |     |     |     |                             |                         |
| C   | 0        | 8 | L | 67/00 |  |                                   |     |     |     |                             |                         |
| (Assistant Examiner) (Date)                                       |          |   |   |       | Callie Shosho<br>Primary Examiner<br>TC 1700, AU 1714<br><i>Callie Shosho</i> 4/12/04<br>(Primary Examiner) (Date) |                                   |     |     |     | Total Claims Allowed: 25    |                         |
| <i>Y. M. Shosho</i> 04/17/04<br>Legal Instruments Examiner (Date) |          |   |   |       |  |                                   |     |     |     | O.G.<br>Print Claim(s)<br>1 | O.G.<br>Print Fig.<br>- |

|   |          |       |          |       |          |       |          |       |          |                              |          |                               |          |                                 |          |
|---|----------|-------|----------|-------|----------|-------|----------|-------|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          |       |          |       |          |       |          | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
| Final   | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final                        | Original | Final                         | Original | Final                           | Original |
| -   | 1        | -     | 31       |       | 61       |       | 91       |       | 121      |                              | 151      |                               | 181      |                                 | 211      |
| -   | 2        | -     | 32       |       | 62       |       | 92       |       | 122      |                              | 152      |                               | 182      |                                 | 212      |
| -   | 3        | 9     | 33       |       | 63       |       | 93       |       | 123      |                              | 153      |                               | 183      |                                 | 213      |
| -   | 4        | -     | 34       |       | 64       |       | 94       |       | 124      |                              | 154      |                               | 184      |                                 | 214      |
| -   | 5        | -     | 35       |       | 65       |       | 95       |       | 125      |                              | 155      |                               | 185      |                                 | 215      |
| -   | 6        | -     | 36       |       | 66       |       | 96       |       | 126      |                              | 156      |                               | 186      |                                 | 216      |
| -   | 7        | -     | 37       |       | 67       |       | 97       |       | 127      |                              | 157      |                               | 187      |                                 | 217      |
| -   | 8        | 10    | 38       |       | 68       |       | 98       |       | 128      |                              | 158      |                               | 188      |                                 | 218      |
| -   | 9        | 11    | 39       |       | 69       |       | 99       |       | 129      |                              | 159      |                               | 189      |                                 | 219      |
| -   | 10       | 12    | 40       |       | 70       |       | 100      |       | 130      |                              | 160      |                               | 190      |                                 | 220      |
| -   | 11       | 13    | 41       |       | 71       |       | 101      |       | 131      |                              | 161      |                               | 191      |                                 | 221      |
| -   | 12       | 14    | 42       |       | 72       |       | 102      |       | 132      |                              | 162      |                               | 192      |                                 | 222      |
| -   | 13       | 15    | 43       |       | 73       |       | 103      |       | 133      |                              | 163      |                               | 193      |                                 | 223      |
| -   | 14       | 16    | 44       |       | 74       |       | 104      |       | 134      |                              | 164      |                               | 194      |                                 | 224      |
| -   | 15       | 17    | 45       |       | 75       |       | 105      |       | 135      |                              | 165      |                               | 195      |                                 | 225      |
| -   | 16       | 18    | 46       |       | 76       |       | 106      |       | 136      |                              | 166      |                               | 196      |                                 | 226      |
| -   | 17       | 19    | 47       |       | 77       |       | 107      |       | 137      |                              | 167      |                               | 197      |                                 | 227      |
| -   | 18       | 20    | 48       |       | 78       |       | 108      |       | 138      |                              | 168      |                               | 198      |                                 | 228      |
| -   | 19       | 21    | 49       |       | 79       |       | 109      |       | 139      |                              | 169      |                               | 199      |                                 | 229      |
| -   | 20       | 22    | 50       |       | 80       |       | 110      |       | 140      |                              | 170      |                               | 200      |                                 | 230      |
| 1   | 21       | 23    | 51       |       | 81       |       | 111      |       | 141      |                              | 171      |                               | 201      |                                 | 231      |
| 2   | 22       | 24    | 52       |       | 82       |       | 112      |       | 142      |                              | 172      |                               | 202      |                                 | 232      |
| 3   | 23       | 25    | 53       |       | 83       |       | 113      |       | 143      |                              | 173      |                               | 203      |                                 | 233      |
| 4   | 24       |       | 54       |       | 84       |       | 114      |       | 144      |                              | 174      |                               | 204      |                                 | 234      |
| -   | 25       |       | 55       |       | 85       |       | 115      |       | 145      |                              | 175      |                               | 205      |                                 | 235      |
| 5   | 26       |       | 56       |       | 86       |       | 116      |       | 146      |                              | 176      |                               | 206      |                                 | 236      |
| 6   | 27       |       | 57       |       | 87       |       | 117      |       | 147      |                              | 177      |                               | 207      |                                 | 237      |
| -   | 28       |       | 58       |       | 88       |       | 118      |       | 148      |                              | 178      |                               | 208      |                                 | 238      |
| 7   | 29       |       | 59       |       | 89       |       | 119      |       | 149      |                              | 179      |                               | 209      |                                 | 239      |
| 8   | 30       |       | 60       |       | 90       |       | 120      |       | 150      |                              | 180      |                               | 210      |                                 | 240      |

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|  | Callie E. Shosho | 1714         | 2 of 2 |

| ISSUE CLASSIFICATION                      |   |          |   |       |  |                                   |  |  |  |                             |  |                         |
|---|---|----------|---|-------|--|-----------------------------------|--|--|--|-----------------------------|--|-------------------------|
| ORIGINAL                                  |   |          |   |       | CROSS REFERENCE(S)   |                                   |  |  |  |                             |  |                         |
| CLASS                                     |   | SUBCLASS |   |       | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |                             |  |                         |
| 523                                       |   | 160      |   |       |  |                                   |  |  |  |                             |  |                         |
| INTERNATIONAL CLASSIFICATION <sup>7</sup> |   |          |   |       |  |                                   |  |  |  |                             |  |                         |
| C   | 0 | 8        | L | 51/00 |  |                                   |  |  |  |                             |  |                         |
| C   | 0 | 8        | L | 53/00 |  |                                   |  |  |  |                             |  |                         |
|   |   |          |   | /     |  |                                   |  |  |  |                             |  |                         |
|   |   |          |   | /     |  |                                   |  |  |  |                             |  |                         |
|   |   |          |   | /     |  |                                   |  |  |  |                             |  |                         |
| (Assistant Examiner) (Date)               |   |          |   |       | Callie Shosho<br>Primary Examiner<br>TC 1700, AU 1714<br><i>Callie Shosho</i> 4/12/04<br>(Primary Examiner) (Date) |                                   |  |  |  | Total Claims Allowed: 25    |  |                         |
| (Legal Instruments Examiner) (Date)       |   |          |   |       |  |                                   |  |  |  | O.G.<br>Print Claim(s)<br>1 |  | O.G.<br>Print Fig.<br>- |

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|--|----------|-------|----------|-------|----------|-------|----------|-------|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final  | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final                        | Original | Final                         | Original | Final                           | Original |
|  | 211      |       | 241      |       | 271      |       | 301      |       | 331      |                              | 361      |                               | 391      |                                 |          |
|  | 212      |       | 242      |       | 272      |       | 302      |       | 332      |                              | 362      |                               | 392      |                                 |          |
|  | 213      |       | 243      |       | 273      |       | 303      |       | 333      |                              | 363      |                               | 393      |                                 |          |
|  | 214      |       | 244      |       | 274      |       | 304      |       | 334      |                              | 364      |                               | 394      |                                 |          |
|  | 215      |       | 245      |       | 275      |       | 305      |       | 335      |                              | 365      |                               | 395      |                                 |          |
|  | 216      |       | 246      |       | 276      |       | 306      |       | 336      |                              | 366      |                               | 396      |                                 |          |
|  | 217      |       | 247      |       | 277      |       | 307      |       | 337      |                              | 367      |                               | 397      |                                 |          |
|  | 218      |       | 248      |       | 278      |       | 308      |       | 338      |                              | 368      |                               | 398      |                                 |          |
|  | 219      |       | 249      |       | 279      |       | 309      |       | 339      |                              | 369      |                               | 399      |                                 |          |
|  | 220      |       | 250      |       | 280      |       | 310      |       | 340      |                              | 370      |                               | 400      |                                 |          |
|  | 221      |       | 251      |       | 281      |       | 311      |       | 341      |                              | 371      |                               | 401      |                                 |          |
|  | 222      |       | 252      |       | 282      |       | 312      |       | 342      |                              | 372      |                               | 402      |                                 |          |
|  | 223      |       | 253      |       | 283      |       | 313      |       | 343      |                              | 373      |                               | 403      |                                 |          |
|  | 224      |       | 254      |       | 284      |       | 314      |       | 344      |                              | 374      |                               | 404      |                                 |          |
|  | 225      |       | 255      |       | 285      |       | 315      |       | 345      |                              | 375      |                               | 405      |                                 |          |
|  | 226      |       | 256      |       | 286      |       | 316      |       | 346      |                              | 376      |                               | 406      |                                 |          |
|  | 227      |       | 257      |       | 287      |       | 317      |       | 347      |                              | 377      |                               | 407      |                                 |          |
|  | 228      |       | 258      |       | 288      |       | 318      |       | 348      |                              | 378      |                               | 408      |                                 |          |
|  | 229      |       | 259      |       | 289      |       | 319      |       | 349      |                              | 379      |                               | 409      |                                 |          |
|  | 230      |       | 260      |       | 290      |       | 320      |       | 350      |                              | 380      |                               | 410      |                                 |          |
|  | 231      |       | 261      |       | 291      |       | 321      |       | 351      |                              | 381      |                               | 411      |                                 |          |
|  | 232      |       | 262      |       | 292      |       | 322      |       | 352      |                              | 382      |                               | 412      |                                 |          |
|  | 233      |       | 263      |       | 293      |       | 323      |       | 353      |                              | 383      |                               | 413      |                                 |          |
|  | 234      |       | 264      |       | 294      |       | 324      |       | 354      |                              | 384      |                               | 414      |                                 |          |
|  | 235      |       | 265      |       | 295      |       | 325      |       | 355      |                              | 385      |                               | 415      |                                 |          |
|  | 236      |       | 266      |       | 296      |       | 326      |       | 356      |                              | 386      |                               | 416      |                                 |          |
|  | 237      |       | 267      |       | 297      |       | 327      |       | 357      |                              | 387      |                               | 417      |                                 |          |
|  | 238      |       | 268      |       | 298      |       | 328      |       | 358      |                              | 388      |                               | 418      |                                 |          |
|  | 239      |       | 269      |       | 299      |       | 329      |       | 359      |                              | 389      |                               | 419      |                                 |          |
|  | 240      |       | 270      |       | 300      |       | 330      |       | 360      |                              | 390      |                               | 420      |                                 |          |